

ROTARY ACCELERATING APPARATUS FOR A VERTICAL
STRAW AND CHAFF SPREADER OF AN AGRICULTURAL COMBINE

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Abstract Of The Disclosure

Rotary accelerating apparatus for a vertical
crop residue spreader of an agricultural combine capable
10 of receiving, combining and accelerating a relatively
high velocity of voluminous flow of relatively heavy,
bulky crop residue including straw and the like
deflected downwardly from the thresher of the combine,
and a weaker, less voluminous flow of chaff and air from
15 the cleaning system of the combine located forwardly of
the spreader, by generating a negative pressure or
suction condition in the vicinity of the chaff flow for
overcoming any undesirable back pressure condition that
interferes with induction of the crop residue flow from
20 the cleaning system and which facilitates air flow
through the chassis region of the combine to reduce
conditions leading to undesirable dust buildup and other
problems.